

Title (en)
POWER TRAIN

Title (de)
ANTRIEBSSTRANG

Title (fr)
GROUPE MOTOPROPULSEUR

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Application
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Abstract (en)
[origin: WO0216157A1] An amphibious vehicle power train comprises engine (111) with crankshaft (112) and solid or fluid flywheel (120); a transmission (26, fig. 1) arranged in line with the crankshaft, with an input shaft (24, fig. 1) driven from the flywheel; and a power take off (PTO) (110) for driving shafts (136 and 158) and marine propulsion means (50, fig. 1). The PTO comprises a driving sprocket (118) attached to the crankshaft, a chain or belt (142), and a driven sprocket (134). Bevel gears (154, 156) are provided to convert transverse engine crankshaft rotation to longitudinal marine drive. Figures 1 to 4 and 8 show embodiments for longitudinal engines. Figures 1 and 2 show drive from adaptor (18), figures 3 and 4 show drive from a flywheel (20) with relocated ring gear (52). Figures 6 and 7 show alternative power take offs for a transverse engine, using bevel gears (218, 219) for power transmission.

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